

**ROCKY FLATS ENVIRONMENTAL
TECHNOLOGY SITE**

**ERPD OPERATING
PROCEDURES MANUAL
VOL I: FIELD OPERATIONS**

Manual No.: 5-21000-OPS-FO
New Manual No.: 4-11000-ER-OPS-FO
Procedure No.: Table of Contents, Rev 82
Page: 1 of 3
Effective Date: 03/17/95
Organization: Environmental Restoration

THIS IS ONE VOLUME OF A SIX VOLUME SET WHICH INCLUDES:

**VOLUME I: FIELD OPERATIONS (FO)
VOLUME II: GROUNDWATER (GW)
VOLUME III: GEOTECHNICAL (GT)
VOLUME IV: SURFACE WATER (SW)
VOLUME V: ECOLOGY (EE)
VOLUME VI: AIR (AP)**

TABLE OF CONTENTS FOR VOLUME I: FIELD OPERATIONS

Procedure No.	Title	Rev. No.	Effective Date
FO.01	Air Monitoring and Dust Control	2	05/12/92
FO.02	94-DMR--000563 - Cancellation of Transmittal of QA Records	3	04/15/94
FO.03	General Equipment Decontamination	2	05/12/92
94-DMR-001021	Section FO.03 Text Addition	2	05/26/94
94-DMR-001010	LIMITED SCOPE - Section FO.03 Text Modification	2	06/01/94
94-DMR-001224	Equipment Decontamination Location Adjustment	2	07/15/94
•95-DMR-000096	Quality Control Samples	2	02/16/95
FO.04	Heavy Equipment Decontamination	2	05/12/92
94-DMR-001009	LIMITED SCOPE - Section FO.04 Text Modification	2	06/01/94
FO.05	Handling of Purge and Development Water	2	05/12/92
94-DMR-000278	Groundwater Monitoring Modifications	2	02/25/94
FO.06	Handling of Personal Protective Equipment	2	05/12/92
FO.07	Handling of Decontamination Water and Wash Water	2	05/12/92
94-DMR-001175	LIMITED SCOPE - Decontamination Water Disposal Location Changes	2	06/20/94
FO.08	Handling of Drilling Fluids and Cuttings	2	05/12/92
94-DMR-001650	Procedural Clarifications	2	09/27/94
FO.09	Handling of Residual Samples	2	05/12/92

DOCUMENT CLASSIFICATION REVIEW
PER R.B. HOFFMAN, CLASSIFICATION OFFICE
JUNE 11, 1991

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4-11000-ER-OPS-FO
Table of Contents, Rev 82
2 of 3
03/17/95
Environmental Restoration**

<u>Procedure No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
FO.10	Receiving, Labeling, and Handling Environmental Materials Containers	2	05/12/92
93-DMR-000677	DMR	2	11/01/93
94-DMR-000244	Drying Agent Modification	2	03/14/94
94-DMR-000558	Form Modification	2	04/15/94
94-DMR-001649	Deletion of Text Addressed in FO.08	2	09/27/94
FO.11	Field Communications	2	05/12/92
FO.12	Decontamination Facility Operations	2	05/12/92
94-DMR-002244	Change of Decontamination Site for Field Equipment	2	12/22/94
FO.13	Containerization, Preserving, Handling and Shipping of Soil and Water Samples	2	05/12/92
93-DMR-000530	Section FO.13 Modification	2	11/04/93
93-DMR-000667	Section FO.13 Modification	2	11/20/93
94-DMR-000143	Composite Sampling Clarification	2	02/11/94
94-DMR-001670	New Statement of Work	2	09/15/94
FO.14	4-B29-ER-OPS-FO.14 - Field Data Management	3	09/09/94
•95-DMR-000097	Revision of Form FO.14L	3	02/16/95
FO.15	Photoionization Detectors and Flame Ionization Detectors	2	05/12/92
•95-DMR-000098	Change to Form FO.15A	2	02/16/95
FO.16	Field Radiological Measurements	2	05/12/92
•95-DMR-000099	Editorial Correction to Form FO.16B	2	02/16/95
FO.18	Environmental Sample Radioactivity Content Screening	1	05/12/92
•95-DMR-000100	Change to necessary forms for FO.18A & FO.18B	1	02/16/95
FO.19	Base Laboratory Work	2	05/12/92

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Page: 3 of 3
Effective Date: 03/17/95
Organization: Environmental Restoration

Procedure No.	Title	Rev. No.	Effective Date
FO. 23	4-F99-OPS-FO.23 - Management of Soil and Sediment Investigative Derived Materials (IDM)	0	01/11/94
94-DMR-000137	Training Requirements Clarification	0	01/28/94
94-DMR-000148	Section FO.23 Modifications	0	02/09/94
94-DMR-001108	Buried Instrumentation and Existing Soil	0	06/14/94
94-DMR-001350	Various Text Additions and Deletions Regarding Drums and Use of SOP FO.29	0	08/16/94
FO.25	4-B11-ER-OPS-FO.25 - Shipment of Radioactive Materials Samples	0	12/01/93
FO.27	4-BO1-ER-OPS-FO.27 - Collection of Floor/Equipment Hot Water Rinsate Samples	0	07/26/93
FO.29	4-H46-ENV-OPS-FO.29 - Disposition of Soil and Sediment Investigation-Derived Materials	0	06/24/94
94-DMR-001226	Allowance of Procedural Use for Waste Piles	0	07/15/94
94-DMR-001741	Permission of Use of Computer-Generated Forms and Other Minor Corrections	0	10/07/94
FO.30	4-I11-ER-OPS-FO.30 - Environmental Restoration Program Division Equipment Operation	0	10/07/94
• FO.31-FO.39	Has been incorporated into the OU1 Specific Operating Procedures Manual.		
•FO.43	Has been incorporated into the OU2 Specific Operating Procedures Manual.		
FO.47	4-J39-ENV-OPS-FO.47 - Disposal of Residual Accuvac™ Reagent Ampules	0	02/14/95

HANDLING OF DECONTAMINATION WATER AND WASH WATER

EG&G ROCKY FLATS PLANT
EMD MANUAL OPERATION SOP

Manual: 5-21000-OPS
Procedure No.: FO.7, Rev. 2
Page: 1 of 9
Effective Date: 06/20/94
Organization: Environmental Management

Category 2

TITLE:
HANDLING OF DECONTAMINATION
WATER AND WASH WATER

Approved By:

/s/ J.E. Evered

05/12/92

(Name of Approver) (Date)

1.0 TABLE OF CONTENTS

1.0	TABLE OF CONTENTS	1
2.0	PURPOSE AND SCOPE	2
3.0	RESPONSIBILITIES AND QUALIFICATIONS	2
4.0	REFERENCES	3
4.1	SOURCE REFERENCES	3
4.2	INTERNAL REFERENCES	3
5.0	EQUIPMENT	4
6.0	WORK AREA CHARACTERIZATIONS	4
6.1	HANDLING OF DECONTAMINATION WATER AND WASH WATER	5
6.1.1	Handling of Decontamination Water	6
6.1.2	Handling of Wash Water	7
7.0	DECONTAMINATION	8
8.0	DOCUMENTATION	8
8.1	DRUM FIELD LOG FORM	8

LIST OF EFFECTIVE PAGES

<u>Pages</u>	<u>Effective Date</u>	<u>Change Number</u>
1	06/20/94	94-DMR-001175
6	06/20/94	94-DMR-001175

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Page: 6 of 9
Effective Date: 06/20/94
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Category 2

If a work area is characterized as not potentially contaminated but verified results from field monitoring indicate the presence of previously unsuspected contaminated substances, the water used for cleaning equipment, personnel, samples, and vehicles is considered decontamination water.

6.1.1 Handling of Decontamination Water

Decontamination water will be disposed of on the ground surface at least 50 feet from the sampling location such that the water cannot discharge into any stream, pond, or other surface water impoundment.

Other considerations to ensure the proper handling of decontamination water are:

- Due to high phosphate levels, Alconox will not be used. Liquinox or a phosphate-free equivalent will be used.
- Decontamination water used by subcontracting personnel must be replaced at least once daily regardless of the contamination level. Replacement may be required more than once a day, depending on field conditions (i.e., heavy mud or organic or radioactive contaminants).
- Use gray, 55-gallon, or 30-gallon open top (removable top) drums or environmental liquids containers appropriately sized for the task to move decontamination water.